NICEIC APPROVED CONTRACTOR

SMAIL & RICHARDS ELECTRICAL SOLUTIONS

This certificate is not valid if the serial number has been defaced or altered **28244611** **EICR18.2C**

ELECTRICAL INSTALLATION CONDITION REPORT

Issued in accordance with *BS 7671: 2018+A2:2022* – Requirements for Electrical Installations

Original (to the person ordering the work)

PART 1 : DETAILS OF THE CONTRACTOR, CLIENT AND INSTALLATION

DETAILS OF THE CONTRACTOR

(*Where applicable)

Registration N°: 010706000 Branch N°*: 000

Trading Title: Smail & Richards Electrical Contractors Ltd

Address: Top Floor C Store, Halcyon House, West Hill, St. Helier, Jersey

Postcode: JE2 3HB Tel No: 01534 723503

DETAILS OF THE CLIENT

Contractor Reference Number (CRN): 174290

Name: Brunel Management Limited

Address: Brunel Chambers, Devonshire Place, St. Helier, JERSEY

Postcode: JE2 3RD Tel No: 01534750200

DETAILS OF THE INSTALLATION

Occupier: N/A

UPRN: N/A

Address: Flat 4 Berkshire Court, La Motte Street, St. Helier, JERSEY

Postcode: JE2 3BE Tel No: N/A

PART 2 : PURPOSE OF THE REPORT

Purpose for which this report is required:
Clients request and to meet the Jersey landlords legislation

Date(s) when inspection and testing was carried out: (24/10/2023) Records available (651.1): (✘) Previous inspection report available (651.1): (✘) Previous report date: (N/A)

PART 3 : SUMMARY OF THE CONDITION OF THE INSTALLATION

General condition of the installation (in terms of electrical safety): The general condition of the installation is good The installation is wired in pvc/pvc cable with RCBOs provided for fault protection.

Description of premises Dwelling: (✔) Commercial: (N/A) Industrial: (N/A) Other (include brief description): N/A

Estimated age of electrical installation: (15) years Evidence of additions or alterations: (NA) if Yes, estimated age N/A years) Overall assessment of the installation for continued use: **Satisfactory/~~Unsatisfactory~~** ** (delete as appropriate)

**An unsatisfactory assessment indicates that dangerous (Code C1) and/or potentially dangerous (Code C2) conditions have been identified (listed in PART 5 of this report) and it is recommended that these are acted upon as a matter of urgency.

PART 4 : DECLARATION

INSPECTION AND TESTING

I/We, being the person responsible for the inspection and testing of the electrical installation (as indicated by my/our signature below), particulars of which are described in PART 6, having exercised reasonable skill and care when carrying out the inspection and testing, hereby declare that the information in this report, including the observations (PART 5) and the attached Schedules, provides an accurate assessment of the condition of the electrical installation taking into account the stated extent and limitations in PART 6 of this report.

Name (capitals) on behalf of the contractor identified in PART 1: JOSH LE MARQUAND Signature: [signature] Date: 24/10/2023

I/We further RECOMMEND, subject to the necessary remedial action being taken, that the installation is inspected and tested by: 24/10/2028 (date)

Give reason for recommendation: All rented Property should be inspected every 5 years, or change of tenancies

The proposed date for the next inspection should take into consideration any legislative or licensing requirements and the frequency and quality of maintenance that the installation can reasonably be expected to receive during its intended life. The period should be agreed between relevant parties.

REVIEWED BY THE REGISTERED QUALIFIED SUPERVISOR FOR THE CONTRACTOR

Name (capitals) on behalf of the contractor identified in PART 1: JAMES NORTON Signature: [signature] Date: 26/10/2023

Enter a (✓) or value in the respective fields, as appropriate.
Where an item is not applicable insert N/A

Please see the 'Notes for Recipients'

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PART 5 : OBSERVATIONS

One of the following Codes, as appropriate, has been allocated to each of the observations made below to indicate to the person(s) responsible for the electrical installation the degree of urgency for remedial action:	**Code C1 Danger Present** Risk of injury. Immediate remedial action required	**Code C2 Potentially Dangerous** Urgent remedial action required	**Code C3 Improvement Recommended**	**Code FI Further Investigation Required**

Referring to the **Schedule of Items Inspected** (see PART 9), the attached **Schedule of Circuit Details and Test Results** (see PART 11A & 11B), and subject to any **agreed limitations** listed in PART 6 –

No remedial action is required (✔), **OR** The following observations are made:

Item No	Observation(s)	Code	Location Reference

Additional pages? (None) State page numbers: (N/A)

Immediate remedial action required for items: (N/A)

Urgent remedial action required for items: (N/A)

Improvement recommended for items: (N/A)

Further investigation required for items: (N/A)

This report is based on the model forms shown in Appendix 6 of *BS 7671: 2018+A2:2022*

Please see the 'Guidance for recipients on the classification codes'

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ELECTRICAL INSTALLATION CONDITION REPORT

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Original (to the person ordering the work)

PART 6 : DETAILS AND LIMITATIONS OF THE INSPECTION AND TESTING

The inspection and testing has been carried out in accordance with *BS 7671: 2018*, as amended to 2022 (date). Cables concealed within trunking and conduits, or cables and conduits concealed under floors, in inaccessible roof spaces and generally within the fabric of the building or underground, have not been visually inspected unless specifically agreed between the Client and the Inspector prior to inspection.

Details of the electrical installation covered by this report: fixed wiring only

(see additional page No. N/A)

Agreed limitations including the reasons, if any, on the inspection and testing (653.2): Any concealed cables installed in prescribed zones or above ceiling was not inspected, any joint boxes under the floors or above the ceiling were not inspected

Agreed with (print name): S FARRAF @ BRUNEL

Extent of sampling: 30% of sockets, light fitting and switch were removed and inspected (see additional page No. N/A)

Operational limitations including the reasons: For some circuits R1+RN-R2 used when testing insulation resistance. Not able to access all points due to furniture (see additional page No. N/A)

PART 7 : SUPPLY CHARACTERISTICS AND EARTHING ARRANGEMENTS

System type and earthing arrangements

TN-C: (N/A) TN-S: (N/A) TN-C-S: (✔)

TT: (N/A) IT: (N/A)

Supply protective device

BS EN: (1361) Type: (II) Rated current: (LIM) A

Number and type of live conductors

AC 1-phase, 2-wire: (✔) 2-phase, 3-wire: (N/A)

3-phase, 3-wire: (N/A) 3-phase, 4-wire: (N/A)

DC 2-wire: (N/A) 3-wire: (N/A) Other: (N/A)

Confirmation of supply polarity: (✔)

Other sources of supply (Schedule of Test Results) Page No: (N/A)

Nature of supply parameters

Nominal voltage between lines, U [1]:	(N/A) V
Nominal line voltage to Earth, U_0 [1]:	(230) V
Nominal frequency, f [1]:	(50) Hz
Prospective fault current, I_{pf} [2]*:	(2.97) kA
External earth fault loop impedance, Z_e [2]*:	(0.09) Ω

[1] By enquiry
[2] By enquiry or by measurement

PART 8 : PARTICULARS OF INSTALLATION REFERRED TO IN THIS REPORT

Maximum demand (load): (60) ~~kW~~/A (*delete as appropriate*)

Means of Earthing

Distributor's facility: (✔)

Installation earth electrode(s): (N/A)

Earth electrode type – rod(s), tape, etc: (None)

Location: (N/A)

Electrode resistance to Earth: (N/A) Ω

Main protective conductors

Earthing conductor:

(material Copper)

csa (10) mm² Connection/continuity verified: (✔)

Main protective bonding conductors:

(material Copper)

csa (10) mm² Connection/continuity verified: (✔)

Main protective bonding connections

Water installation pipes:	(✔)
Gas installation pipes:	(N/A)
Structural steel:	(N/A)
Oil installation pipes:	(N/A)
Lightning protection:	(N/A)
Other (state):	
N/A	(N/A)
N/A	(N/A)

Main switch / Switch-fuse / Circuit-breaker / RCD

Location: (meter cupboard)

BS EN: (60947-3) Type: (3) Rating / setting of device: (100) A

No. of poles: (4) Current rating: (63) A Voltage rating: (230) V

Where an RCD is used as the main switch

RCD rated residual operating current, $I_{\Delta n}$: (N/A) mA RCD Type: (N/A)

Rated time delay: (N/A) ms Measured operating time: (N/A) ms

*Where the installation is supplied by more than one source, the higher or highest values of prospective fault current, I_{pf}, and external earth fault loop impedance, Z_e, must be recorded.

All fields must be completed. Enter either, as appropriate: '✓' if Acceptable condition; **'N/A'** if Not applicable; **'LIM'** if a Limitation exists, or Code appropriately: CODE **'C1'**, **'C2'**, **'C3'** or **'FI'** (codes to be recorded in PART 5, with additional comments (where appropriate) on attached numbered sheets)

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ELECTRICAL INSTALLATION CONDITION REPORT

Issued in accordance with *BS 7671: 2018+A2:2022* – Requirements for Electrical Installations

PART 9 : SCHEDULE OF ITEMS INSPECTED (enter ✓, N/A or Classification Code C1, C2, C3 or FI, as applicable)

1.0 Intake equipment (visual inspection only)

An outcome against an item in section 1.1, other than access to live parts, should not be used to determine the overall assessment of the installation. Where inadequacies are identified, a cross should be put against the appropriate item and a comment made in Part 5 of this report.

1.1 Distributor / supplier intake equipment

- Service cable (✓)
- Service head (✓)
- Earthing arrangement (✓)
- Meter tails (✓)
- Metering equipment (✓)
- Isolator, where present (✓)

Where inadequacies in the intake equipment are encountered, which may result in a dangerous or potentially dangerous situation, the person ordering the work and / or dutyholder must be informed. It is strongly recommended that the person ordering the work informs the appropriate authority.

1.2 Consumer's isolator, where present (✓)

1.3 Consumer's meter tails (✓)

2.0 Presence of adequate arrangements for parallel or switched alternative sources

2.1 Adequate arrangements where a generating set operates as a switched alternative to the public supply (551.6) (N/A)

2.2 Adequate arrangements where a generating set operates in parallel with the public supply (551.7) (N/A)

3.0 Methods of protection

3.1 Automatic disconnection of supply (ADS)

- Main earthing / bonding arrangement (411.3; Chap. 54) (✓)
- Presence of distributor's earthing arrangement (542.1.2.1; 542.1.2.2), or presence of installation earth electrode arrangement (542.1.2.3) (✓)
- Adequacy of earthing conductor size (542.3; 543.1.1) (✓)
- Adequacy of earthing conductor connections (542.3.2) (✓)
- Accessibility of earthing conductor connections (543.3.2) (✓)
- Adequacy of main protective bonding conductor sizes (544.1.1) (✓)
- Adequacy and location of main protective bonding conductor connections (544.1.2) (✓)
- Accessibility of all protective bonding connections (543.3.2) (✓)
- Provision of earthing / bonding labels at all appropriate locations (514.13.1) (✓)

3.2 FELV - requirements satisfied (411.7) (N/A)

3.3 Other methods of protection

Where any of the methods listed below are employed, details should be provided on separate sheets

- Non-conducting location (418.1) (N/A)
- Earth-free local equipotential bonding (418.2) (N/A)
- Electrical separation (413; 418.3) (N/A)
- Double insulation (412) (N/A)
- Reinforced insulation (412) (N/A)
- Provisions where automatic disconnection of supply is not feasible (419) (N/A)

4.0 Distribution equipment, including consumer units and distribution boards

4.1 Adequacy of working space / accessibility to equipment (132.12; 513.1) (✓)

4.2 Security of fixing (134.1.1) (✓)

4.3 Condition of insulation of live parts (416.1) (✓)

4.4 Adequacy security of barriers or enclosures (416.2.3) (✓)

4.5 Condition of enclosure(s) in terms of IP rating, etc. (416.2) (✓)

4.6 Condition of enclosure(s) in terms of fire rating, etc. (421.1.201; 421.1.6; 526.5) (✓)

4.7 Enclosure not damaged / deteriorated so as to impair safety (651.2) (✓)

4.8 Presence and effectiveness of obstacles (417.2) (✓)

4.9 Presence of main switch(es), linked where required (462.1; 462.1.201; 462.2) (✓)

4.10 Operation of main switch(es) (functional check) (643.10) (✓)

4.11 Manual operation of circuit-breakers, RCDs and AFDDs to prove functionality (643.10) (✓)

4.12 Confirmation that integral test button / switch causes RCD(s) to trip when operated (functional check) (643.10) (✓)

4.13 RCD(s) provided for fault protection - includes RCBOs (411.4.204; 411.4.5; 411.5.2; 531.2) (✓)

4.14 RCD(s) provided for additional protection / requirements, where required - includes RCBOs (411.3.3; 415.1) (✓)

4.15 Presence of RCD six-monthly test notice, where required (514.12.2) (N/A)

4.16 Confirmation that integral test button / switch, where present, causes AFDD to trip when operated (643.10) (✓)

4.17 Presence of diagrams, charts or schedules at or near equipment, where required (514.9.1) (✓)

4.18 Presence of alternative supply warning notice at or near equipment, where required (514.15) (N/A)

4.19 Presence of next inspection recommendation label, where required (514.12.1) (✓)

4.20 Presence of other required labelling (please specify) (514) (N/A)

4.21 Compatibility of protective devices, bases and other components; correct type and rating (no signs of unacceptable thermal damage, arcing or overheating) (432; 433; 434) (✓)

4.22 Single-pole switching or protective devices in line conductors only (132.14.1; 530.3.3) (✓)

4.23 Protection against mechanical damage where cables enter equipment (522.8.1; 522.8.5; 522.8.11) (✓)

4.24 Protection against electromagnetic effects where cables enter ferromagnetic enclosures (521.5.1) (✓)

5.0 Distribution circuits

5.1 Identification of conductors (514.3) (✓)

5.2 Cables correctly supported throughout their run (521.10.202; 522.8.5) (✓)

5.3 Condition of insulation of live parts (416.1) (✓)

5.4 Non-sheathed cables protected by enclosure in conduit, ducting or trunking (521.10.1) (✓)

5.5 Suitability of containment systems for continued use (including flexible conduit) (522) (✓)

5.6 Cables correctly terminated in enclosures (526) (✓)

5.7 Confirmation that ALL conductor connections, including connections to busbars, are correctly located in terminals and are tight and secure (526.1) (✓)

5.8 Examination of cables for signs of unacceptable thermal or mechanical damage / deterioration (421.1; 522.6) (✓)

5.9 Adequacy of cables for current-carrying capacity with regard for the type and nature of installation (523) (✓)

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Original (to the person ordering the work)

PART 9 : SCHEDULE OF ITEMS INSPECTED (enter ✓, N/A or Classification Code C1, C2, C3 or FI, as applicable)

5.10 Adequacy of protective devices; type and rated current for fault protection (411.3) (✓)
5.11 Presence and adequacy of circuit protective conductors (411.3.1.1; 543.1) (✓)
5.12 Coordination between conductors and overload protective devices (433.1; 533.2.1) (✓)
5.13 Cable installation methods / practices with regard to the type and nature of installation and external influences (522) (✓)
5.14 Where exposed to direct sunlight, cable of a suitable type (522.11.1) (N/A)
5.15 Cables concealed under floors, above ceilings, in walls / partitions, adequately protected against damage (522.6.201; 522.6.202; 522.6.203; 522.6.204) –
- Installed in prescribed zones (see Section D. *Extent and limitations*) (522.6.202) (✓)
- Incorporating earthed armour or sheath, or run within earthed wiring system, or otherwise protected against mechanical damage by nails, screws and the like (see Section D) (522.6.201; 522.6.204) (✓)

5.16 Provision of fire barriers, sealing arrangements and protection against thermal effects (527) (✓)
5.17 Band II cables segregated / separated from Band I cables (528.1) (LIM)
5.18 Cables segregated / separated from non-electrical services (528.3) (LIM)
5.19 Condition of circuit accessories (651.2) (✓)
5.20 Suitability of circuit accessories for external influences (512.2) (✓)
5.21 Single-pole switching or protective devices in line conductors only (132.14.1; 530.3.3) (✓)
5.22 Adequacy of connections, including cpcs, within accessories and to fixed and stationary equipment - identify / record numbers and locations of items inspected (526) (✓)
5.23 Presence, operation and correct location of appropriate devices for isolation and switching (Chap. 46; 537) (✓)
5.24 General condition of wiring system (651.2) (✓)
5.25 Temperature rating of cable insulation (522.1.1; Table 52.1) (✓)

6.0 Final circuits

6.1 Identification of conductors (514.3) (✓)
6.2 Cables correctly supported throughout their run (521.10.202; 522.8.5) (✓)
6.3 Condition of insulation of live parts (416.1) (✓)
6.4 Non-sheathed cables protected by enclosure in conduit, ducting or trunking (521.10.1) (✓)
6.5 Suitability of containment systems for continued use (including flexible conduit) (522) (✓)
6.6 Adequacy of cables for current-carrying capacity with regard for the type and nature of installation (523) (✓)
6.7 Adequacy of protective devices; type and rated current for fault protection (411.3) (✓)
6.8 Presence and adequacy of circuit protective conductors (411.3.1.1; 543.1) (✓)
6.9 Co-ordination between conductors and overload protective devices (433.1; 533.2.1) (✓)
6.10 Wiring system(s) appropriate for the type and nature of the installation and external influences (522) (✓)
6.11 Where exposed to direct sunlight, cable of a suitable type (522.11.1) (N/A)
6.12 Cables concealed under floors, above ceilings, in walls / partitions, adequately protected against damage (522.6.201; 522.6.202; 522.6.203; 522.6.204) –
- Installed in prescribed zones (see Section D. *Extent and limitations*) (522.6.202) (✓)
- Incorporating earthed armour or sheath, or run within earthed wiring system, or otherwise protected against mechanical damage by nails, screws and the like (see Section D) (522.6.201; 522.6.204) (✓)

6.13 Provision of additional protection by RCD having rated residual operating current not exceeding 30 mA –
- *For all socket-outlets of rating 32 A or less (411.3.3) (✓)

Additional protection by RCD may not have been provided as a noted exception in certain non-domestic installations covered by indent (ii) of Regulation 411.3.3.

- *For the supply of mobile equipment not exceeding 32 A rating for use outdoors (411.3.3) (✓)
- *For cables concealed in walls at a depth of less than 50 mm (522.6.202) (✓)
- *For cables concealed in walls / partitions containing metal parts regardless of depth (522.6.203) (✓)
- *For final circuits supplying luminaires within domestic (household) premises (411.3.4) (✓)

** Older installations designed prior to BS 7671: 2018 may not have required RCDs for additional protection.*

6.14 Provision of fire barriers, sealing arrangements and protection against thermal effects (527) (✓)
6.15 Band II cables segregated / separated from Band I cables (528.1) (LIM)
6.16 Cables segregated / separated from non-electrical services (528.3) (LIM)
6.17 Termination of cables at enclosures - identify / record numbers and locations of items inspected (526) –
- Connection under no undue strain (526.6) (✓)
- No basic insulation of a conductor visible outside enclosure (526.8) (✓)
- Connections of live conductors adequately enclosed (526.5) (✓)
- Adequately connected at point of entry to enclosure (glands, bushes, etc.) (522.8.5) (✓)

6.18 Condition of accessories including socket-outlets, switches and joint boxes (651.2) (✓)
6.19 Suitability of accessories for external influences (512.2) (✓)
6.20 Single-pole switching or protective devices in line conductors only (132.14.1; 530.3.3) (✓)

7.0 Isolation and switching

7.1 Isolators –
- Presence and condition of appropriate devices (462; 537.2) (N/A)
- Acceptable location - state if local or remote from equipment in question (462; 537.2.7) (N/A)
- Capable of being secured in the OFF position (462.3) (N/A)
- Correct operation verified (643.10) (N/A)
- Clearly identified by position and / or durable marking (537.2.7) (N/A)
- Warning label posted in situations where live parts cannot be isolated by the operation of a single device (514.11.1; 537.1.2) (N/A)

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PART 9 : SCHEDULE OF ITEMS INSPECTED (enter ✓, N/A or Classification Code C1, C2, C3 or FI, as applicable)

7.2 Switching off for mechanical maintenance –
- Presence and condition of appropriate devices (464.1; 537.3.2) (N/A)
- Capable of being secured in the OFF position where not under continuous supervision (464.2) (N/A)
- Correct operation verified (643.10) (N/A)
- Clearly identified by position and / or durable marking (537.3.2.4) (N/A)

7.3 Emergency switching off –
- Presence and condition of appropriate devices (465; 537.3.3; 537.4) (N/A)
- Readily accessible for operation where danger might occur (537.3.3.6) (N/A)
- Correct operation verified (643.10) (N/A)
- Clearly identified by position and / or durable marking (537.3.3.5; 537.3.3.6; 537.4.3; 537.4.4) (N/A)

7.4 Functional switching –
- Presence and condition of appropriate devices (537.3.1.1; 537.3.1.2) (N/A)
- Correct operation verified (643.10) (N/A)

8.0 Current-using equipment (permanently connected)

8.1 Condition of equipment in terms of IP rating, etc. (416.2; 422.3; 422.4; 522.4) (✔)

8.2 Equipment does not constitute a fire hazard (421) (✔)

8.3 Enclosure not damaged / deteriorated so as to impair safety (134.1.1; 416.2) (✔)

8.4 Suitability for the environment and external influences (512.2) (✔)

8.5 Security of fixing (134.1.1) (✔)

8.6 Cable entry holes in ceiling above luminaires, sized or sealed so as to restrict the spread of fire: list number and location of luminaires inspected (separate page) (527.2) (✔)

8.7 Recessed luminaires (downlighters) –
- Correct type of lamps fitted (559.3.1) (N/A)
- Installed to minimise build-up of heat by use of "fire rated" fittings, insulation displacement box or similar (421.1.2) (N/A)
- No signs of overheating to surrounding building fabric (559.4.1) (N/A)
- No signs of overheating to conductors / terminations (526.1) (N/A)

9.0 Special locations and installations

Where special installations or locations relating to a particular Section of Part 7, an additional Inspection Schedule(s) should be provided on separate pages.

9.1 Location(s) containing a bath or shower –
- Additional protection by RCD having rated residual operating current not exceeding 30 mA for all low voltage (LV) circuits serving the location or passing through zones 1 and / or 2 of the location (701.411.3.3) (✔)
- Where used as a protective measure, requirements for SELV or PELV met (701.414.4.5) (✔)
- Shaver supply units complying with *BS EN 61558-2-5* formerly *BS 3535* (701.512.3) (✔)
- Presence of supplementary bonding conductors, unless not required by *BS 7671: 2018* (701.415.2) (✔)
- Low voltage (e.g. 230 volt) socket-outlets sited at least 2.5 m from zone 1 (701.512.3) (✔)
- Suitability of equipment for external influences for installed location in terms of IP rating (701.512.2) (✔)
- Suitability of accessories and controlgear etc. for a particular zone (701.512.3) (✔)
- Suitability of current-using equipment for particular position within the location (701.55) (✔)

9.2 Other special installations or locations –
N/A (N/A)

10.0 Prosumer's low voltage installation (N/A)

Where elements of a prosuming installation falling within the scope of Chapter 82 are covered by the report, additional schedules detailing the associated inspection and testing should be provided on separate pages.

Schedule of Items Inspected by

Name (capitals): JOSH LE MARQUAND

Signature: [signature] Date: 24/10/2023

PART 10 : SCHEDULES AND ADDITIONAL PAGES (the pages identified are an essential part of this report (see Regulation 653.2))

Schedule of Inspections	Schedule of Circuit Details and Test Results for the installation	Additional pages, including data sheets for additional sources	Special installations or locations (indicated in item 9.2 above)	Schedules relating to Prosumer's installations (indicated in item 10 above)	Continuation sheets
Page No(s): 4, 5 & 6	Page No(s): 7 & 8	Page No(s): None	Page No(s): None	Page No(s): None	Page No(s): None

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PART 11A : SCHEDULE OF CIRCUIT DETAILS (GO TO Part 11B 'Schedule of Test Results' to enter test results for the corresponding circuit listed in this part)

Circuit number	Circuit description	Type of wiring (see footer to PART 11B)	Reference Method (BS 7671)	Number of points served	Circuit conductor (number & csa)		Max. disconnection time (BS 7671)	Overcurrent protective device					RCD			
					Live (mm²)	cpc (mm²)	(s)	BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)	Maximum permitted Zs* (Ω)	BS (EN)	Type	Rating (A)	Operating current, $I_{\Delta n}$ (mA)
1	Cooker	A	B	1	6	2.5	0.4	61009	B	32	6	1.37	61009	A	32	30
2	Socket kitchen	A	B	8	2.5	1.5	0.4	61009	B	32	6	1.37	61009	A	32	30
3	socket general	A	B	16	2.5	1.5	0.4	61009	B	32	6	1.37	61009	A	32	30
4	water heater	A	B	1	2.5	1.5	0.4	61009	B	16	6	2.73	61009	A	16	30
5	Bedroom heater	A	B	2	2.5	1.5	0.4	61009	B	16	6	2.73	61009	A	16	30
6	bathroom heater	A	B	1	2.5	1.5	0.4	61009	B	6	6	7.28	61009	A	6	30
7	lighting general + Door bell	A	B	9	1.5	1	0.4	61009	B	6	6	7.28	61009	A	6	30
9	Smoke alarm	A	100	1	1.5	1	0.4	61009	B	6	6	7.28	61009	A	6	30
10	spare	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11	spare	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
12	Spare	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

DISTRIBUTION BOARD (DB) DETAILS (complete in every case)

DB designation: DB 1

Location of DB: Hall way high level (double stack fuseboard)

Z_{db}: 0.11 (Ω) I_{pf} at DB†: 2.18 (kA)

Confirmation of supply polarity: (✔) Phase sequence confirmed†: (N/A)

SPD Details** Types: T1 (N/A) T2 (✔) T3 (N/A) N/A (N/A)

Status indicator checked (where functionality indicator is present): (N/A)

**SPD Type.

Where combined T1 + T2 or T2 + T3 device is installed, indicate by ticking both Type brackets.

Where T3 devices are installed on a circuit to protect sensitive equipment, enter details in 'Comments' (PART 11B), (See Section 534 for further details).

Note that not all SPDs have visible functionality indication.

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: N/A

Overcurrent protective device for the distribution circuit

BS (EN): (N/A) Type: ( ) Nominal voltage: (N/A) V Rating: (N/A) A No. of phases: (N/A)

Associated RCD (if any)

BS (EN): (N/A) RCD Type: (N/A) $I_{\Delta n}$: (N/A) mA No. of poles: (N/A) Operating time: (N/A) ms

This report is based on the model forms shown in Appendix 6 of *BS 7671: 2018+A2:2022*

Enter a (✓) or value in the respective fields, as appropriate. Where an item is not applicable insert N/A

† Where applicable. *Where figure is not taken from *BS 7671*, state source: N/A

NICEIC APPROVED CONTRACTOR

S&R SMAIL & RICHARDS ELECTRICAL SOLUTIONS

This certificate is not valid if the serial number has been defaced or altered **28244611** **EICR18.2c**

ELECTRICAL INSTALLATION CONDITION REPORT

Issued in accordance with *BS 7671: 2018+A2:2022* – Requirements for Electrical Installations

Original (to the person ordering the work)

PART 11B : SCHEDULE OF TEST RESULTS (MUST reflect circuits entered into 'Schedule of Circuit Details' in Part 11A)

Circuit number	Continuity (Ω)					Insulation resistance			Polarity	Max. measured earth fault loop impedance, Zs	RCD		AFDD**	Comments and additional information, where required
	Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live	Live / Earth	Test voltage DC			Operating time*	Test button	AFDD test button	
	(Line) r_1	(Neutral) r_n	(cpc) r_2	$(R_1 + R_2)$	R_2	(MΩ)	(MΩ)	(V)	(✓)	(Ω)	(ms)	(✓)	(✓)	
1	N/A	N/A	N/A	0.12	N/A	200	200	250	✔	0.18	17	✔	N/A	N/A
2	0.23	0.22	0.38	0.15	N/A	200	200	250	✔	0.44	18	✔	N/A	N/A
3	0.48	0.48	0.79	0.29	N/A	200	200	250	✔	0.54	18	✔	N/A	N/A
4	N/A	N/A	N/A	0.09	N/A	200	200	250	✔	0.17	17	✔	N/A	N/A
5	N/A	N/A	N/A	0.19	N/A	200	200	250	✔	0.26	17	✔	N/A	N/A
6	N/A	N/A	N/A	0.07	N/A	200	200	250	✔	0.15	17	✔	N/A	N/A
7	N/A	N/A	N/A	0.51	N/A	200	200	250	✔	0.60	18	✔	N/A	N/A
9	N/A	N/A	N/A	0.13	N/A	200	200	250	✔	0.22	18	✔	N/A	N/A
10	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
12	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Circuits/equipment vulnerable to damage when testing (where applicable): N/A

TESTED BY Name (capitals): JOSH LE MARQUAND Position: Testing engineer Signature: [signature] Date: 24/10/2023

TEST INSTRUMENTS (ENTER SERIAL NUMBER AGAINST EACH INSTRUMENT USED)

Multi-function:	Continuity:	Insulation resistance:	Earth fault loop impedance:	Earth electrode resistance:	RCD:
101394393	N/A	N/A	N/A	N/A	N/A

* RCD effectiveness is verified using an alternating current test at rated residual operating current ($I_{\Delta n}$)

** Where installed. Note, not all AFDDs have a test function. Where a circuit contains an AFDD this should be stated in the field for that circuit in the 'Comments and additional information, where required' column.

CODES for Type of wiring	(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	Other (state): N/A

Enter a (✓), (✗) or value in the respective fields, as appropriate
Where an item is not applicable insert N/A

NICEIC APPROVED CONTRACTOR

S&R SMAIL & RICHARDS ELECTRICAL SOLUTIONS

This certificate is not valid if the serial number has been defaced or altered **28244611** **ISN18.2c**

CONTINUATION SHEET : EIC and EICR

Issued in accordance with *BS 7671: 2018+A2:2022* – Requirements for Electrical Installations

Original (to the person ordering the work)

PART A : SCHEDULE OF CIRCUIT DETAILS (GO TO Part B 'Schedule of Test Results' to enter test results for the corresponding circuit listed in this part)

Circuit number	Circuit description	Type of wiring (see footer to PART B)	Reference Method (BS 7671)	Number of points served	Circuit conductor (number & csa)		Max. disconnection time (BS 7671)	Overcurrent protective device					RCD			
					Live (mm²)	cpc (mm²)	(s)	BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)	Maximum permitted Zs* (Ω)	BS (EN)	Type	Rating (A)	Operating current, $I_{\Delta n}$ (mA)
1	Lounge heater	A	B	1	2.5	1.5	0.4	61009	B	16	6	2.73	61009	A	16	30
2	water heater	A	B	1	2.5	1.5	0.4	61009	B	16	6	2.73	61009	A	16	30
3	hall heater	A	B	1	2.5	1.5	0.4	61009	B	6	6	7.28	61009	A	6	30
4	spare	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
5	spare	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
6	spare	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
7	spare	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
8	spare	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
9	spare	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10	spare	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11	spare	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
12	spare	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

DISTRIBUTION BOARD (DB) DETAILS (complete in every case)

DB designation: Heat fuseboard

Location of DB: hall way high level (double stack fuseboard)

Z_{db}: 0.11 (Ω) I_{pf} at DB†: 2.24 (kA)

Confirmation of supply polarity: (✔) Phase sequence confirmed†: (N/A)

SPD Details** Types: T1 (N/A) T2 (N/A) T3 (N/A) N/A (N/A)

Status indicator checked (where functionality indicator is present): (N/A)

**SPD Type.

Where combined T1 + T2 or T2 + T3 device is installed, indicate by ticking both Type brackets.

Where T3 devices are installed on a circuit to protect sensitive equipment, enter details in 'Comments' (PART B), (See Section 534 for further details).

Note that not all SPDs have visible functionality indication.

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: N/A

Overcurrent protective device for the distribution circuit

BS (EN): (N/A) Type: ( ) Nominal voltage: (N/A) V Rating: (N/A) A No. of phases: (N/A)

Associated RCD (if any)

BS (EN): (N/A) RCD Type: (N/A) $I_{\Delta n}$: (N/A) mA No. of poles: (N/A) Operating time: (N/A) ms

This schedule is based on the model forms shown in Appendix 6 of *BS 7671: 2018+A2:2022*

Enter a (✓) or value in the respective fields, as appropriate. Where an item is not applicable insert N/A

† Where applicable. *Where figure is not taken from *BS 7671*, state source: N/A

NICEIC APPROVED CONTRACTOR

S&R SMAIL & RICHARDS ELECTRICAL SOLUTIONS

This certificate is not valid if the serial number has been defaced or altered **28244611** **ISN18.2c**

CONTINUATION SHEET : EIC and EICR

Issued in accordance with *BS 7671: 2018+A2:2022* – Requirements for Electrical Installations

Original (to the person ordering the work)

PART B : SCHEDULE OF TEST RESULTS (MUST reflect circuits entered into 'Schedule of Circuit Details' in Part A)

Circuit number	Continuity (Ω)					Insulation resistance			Polarity	Max. measured earth fault loop impedance, Zs	RCD		AFDD**	Comments and additional information, where required
	Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live	Live / Earth	Test voltage DC			Operating time*	Test button	AFDD test button	
	(Line) r_1	(Neutral) r_n	(cpc) r_2	$(R_1 + R_2)$	R_2	(MΩ)	(MΩ)	(V)	(✓)	(Ω)	(ms)	(✓)	(✓)	
1	N/A	N/A	N/A	0.19	N/A	200	200	250	✔	0.25	17	✔	N/A	N/A
2	N/A	N/A	N/A	0.06	N/A	200	200	250	✔	0.12	16	✔	N/A	N/A
3	N/A	N/A	N/A	0.12	N/A	200	200	250	✔	0.24	17	✔	N/A	N/A
4	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
6	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
7	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
8	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
9	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
12	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Circuits/equipment vulnerable to damage when testing (where applicable): N/A

TESTED BY Name (capitals): JOSH LE MARQUAND Position: Testing engineer Signature: [signature] Date: 24/10/2023

TEST INSTRUMENTS (ENTER SERIAL NUMBER AGAINST EACH INSTRUMENT USED)

Multi-function:	Continuity:	Insulation resistance:	Earth fault loop impedance:	Earth electrode resistance:	RCD:
101394393	N/A	N/A	N/A	N/A	N/A

* RCD effectiveness is verified using an alternating current test at rated residual operating current ($I_{\Delta n}$)

** Where installed. Note, not all AFDDs have a test function. Where a circuit contains an AFDD this should be stated in the field for that circuit in the 'Comments and additional information, where required' column.

CODES for Type of wiring	(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	Other (state): N/A

For an EIC, enter a (✓) or value in the respective fields, as appropriate.
For an EICR, enter (✓), (✗) or value in the respective fields, as appropriate
Where an item is not applicable insert N/A